

Daytime Dynamo Workshop

Agenda (DAY ONE)

3 March 2015

Harbourtowne Hotel
St. Michael's, Maryland (USA)

10:00 A.M.	Welcome, Review of Agenda, Workshop goals	Pfaff
10:10	Motivation of the Dynamo Experiment -- The Dynamo Paradigm and Conundrum	Pfaff
10:45	Dynamo Launch Conditions	Pfaff, Bullett, Chi
11:10	COSMIC GPS RO and Ground-Based GPS	Bishop
11:30	Winds Observed with the Lithium Trails	Larsen
12:00	Results from Japanese analysis of Daytime Dynamo winds	M.-Y. Yamamoto S. Watanabe, Y. Kakinami
12:30 PM	LUNCH	
1:30	Currents, Electric Fields, and Plasma Density Observed on the two NASA rockets	Pfaff, Rowland, Klenzing
2:15	Ionization Gauge/Ion Mass Spectrometer Results	Clemmons
3:00	BREAK	
3:15	Solutions to the Dynamo Equation based on the observations	Pfaff and Team
3:45	TIEGCM and CTIP Model Predictions and Comparisons with Ground-based Magnetometer Data	Klenzing, Yosuke
4:30	Theoretical Comments	Walterscheid
5:00	End of Day One	

Daytime Dynamo Workshop

Agenda (DAY TWO)

4 March 2015

9:00	Introduction of Japanese Rocket experiment in July 2013	T. Abe, M. Yamamoto
9:30	Winds observed with the Lithium Trails	S. Watanabe, M.Y. Yamamoto
10:00	Winds observed with the Lithium/TMA Trails	Y. Kakinami M.Y. Yamamoto
10:30	BREAK	
10:45	Winds observed with TMA Trails	M. Larsen
11:15	Electric fields by Double probe	T. Abe M. Yamamoto
Noon	Electron density and temperature	T. Abe
12:30	LUNCH	

SUMMARY and NEXT STEPS

1:30 PM	Dynamo Physics — What do we understand? What is puzzling?	
2:00	Next Steps with the research — Future Rocket Experiments?	
2:30	Dynamo Presentation plans to the community — CEDAR? Fall AGU? ISEA?	
2:45	Dynamo Publication Plans	
3:00	Break	
3:15	The ICON Satellite and possible Future Experiments with ICON	Rowland
3:45	Future Rocket Experiments involving NASA researchers and Japan	
5:00	End of Day Two	

Daytime Dynamo Workshop

Agenda (DAY THREE)

5 March 2015

9:00 Continued Discussions

NOON Adjourn